

27. The method of claim **24**, wherein the step of detecting an immune response includes the step of detecting a cellular immune response.

28. The method of claim **27**, wherein the step of detecting a cellular immune response is carried by detecting IFN- γ or TNF- α .

29. A method of detecting neutralizing antibodies in a biological sample from a patient, the method comprising contacting the biological sample with a cell susceptible to Filovirus infection and a recombinant Vesicular Stomatitis Virus (VSV) expressing a Filovirus GP.

30. The method of claim **29** wherein the recombinant VSV further expresses a fluorescent protein.

31. The method of claim **29**, wherein the recombinant VSV expresses an Ebola virus GP.

32. The method of claim **29**, wherein the Ebola virus is Zaire Ebola virus, Mayinga strain.

33. The method of claim **29**, wherein the cell susceptible to Filovirus infection is a Vero E6 cell.

34. A method of detecting anti-Filovirus antibodies in a biological sample from a patient, the method comprising contacting the biological sample with a recombinant VSV bound to a solid support and detecting anti-Filovirus antibodies bound to the recombinant VSV.

35. The method of claim **34**, wherein the anti-Filovirus antibodies are detected using ELISA, chemiluminescence, or fluorescence.

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